

[illegible]

Form PTO-1449

ATTY DOCKET NO.
1190-0465PAPPLICATION NO.
09/689,645INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT
SUGIURA, Hiroaki et alFILING DATE
October 13, 2000GROUP
2622RECEIVED
DEC 18 2002

U.S. PATENT DOCUMENTS

Technology Center 2600

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
TJS	US 4,740,833	B1	1988-04-26	Shiota et al.			
TJS	US 4,989,079	B1	1991-01-29	Ito			
TJS	US 5,436,733	B1	1995-07-25	Terada et al.			
TJS	US 5,933,252	B1	1999-08-03	Emori et al.			
TJS	US 5,659,406	B1	1997-08-19	Imao et al.			
TJS	US 6,434,268	B1	2002-08-13	Asamura et al.			
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
TJS	EP	1028586	A	2000-08-16	EP				
TJS	JP	7-023245		1995-01-24	JP			Abs	
TJS	JP	11-17974		1999-01-22	JP			Abs	
TJS	JP	8-321964		1996-12-03	JP			Abs	
TJS	JP	5-183742		1993-07-23	JP			Abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

TJS / S

DATE CONSIDERED

6/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1190-0465P

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